

**Division of Health
Annual Report
Newark
1971**



**Department of Health and Welfare
Newark, N. J.**

OCT 3 1977

KENNETH A. GIBSON

MAYOR, CITY OF NEWARK, NEW JERSEY

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DENNIS A. WESTBROOKS

DEPARTMENT OF HEALTH & WELFARE
Railus Walker, Jr., Director

DIVISION OF HEALTH
Newark, New Jersey

Health Officer - Aaron H. Haskin, M.D., M.P.H.
Phys. & Asst. Health Officer - Michael J. Fratanuto, M.D.
Asst. Health Officer - Carl Cordasco, B.S., Ph.G.

GENERAL SERVICES

ADMINISTRATION	Aaron H. Haskin, M.D., M.P.H., Health Officer
AUDIO-VISUAL AIDS	Wesley D. Jones, Supervisor
VITAL STATISTICS	Nathan Herakowitz, Supervisor
PUBLIC HEALTH LABORATORIES	Frank Ciasulli, Chief Supervisor
Serological	Frank Ciasulli, Chief Serologist
Chemical	Sara Rothberg, B.A., Chief Chemist
Bacteriological	Guido Petrucelli, B.A., Chief Bacteriologist

MEDICAL AND DENTAL BUREAU HEADS

CHILD HYGIENE - William Spinosa, M.D.	DISPENSARY - M.J. Fratanuto, M.D.
CHEST DISEASES - John H. Alcamo, M.D.	DENTAL - Alan Gale, D.D.S.
VENEREAL DISEASES - Nicholas Del Deo, M.D.	CONTAGION - Michael J. Fratanuto, M.D.
PAROCHIAL SCHOOLS - M. J. Fratanuto, M.D.	PHARMACY - Samuel Talpins

SUPERVISING CHIEF INSPECTORS

LEAD POISON CONTROL	Clarence Parker
CONTAGION	Alfred Giordano
FOOD-DRUG & MEAT	Michael Carson

PUBLIC HEALTH NURSING SERVICE

DIRECTOR	Mary Hoban, R.N., M.A.
ASST. DIRECTOR	Petrina Livecchi, R.N., B.S.M.S.

TABLE OF ORGANIZATION

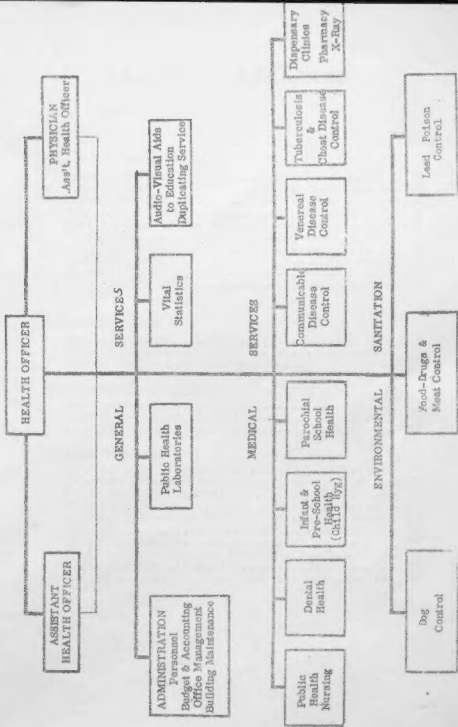


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HEALTH OFFICER'S REPORT - 1971

Newark, New Jersey

TO: Hon. Kenneth A. Gibson, Mayor - Members of the City Council,
Director Bailus Walker, Jr., and citizens of Newark, New Jersey

GENERAL MORTALITY

The adjusted general mortality rate has increased from 7.9 per thousand deaths in 1970, based on estimated population of 380,000, to 10.9 per thousand deaths in 1971.

TUBERCULOSIS MORTALITY

As a result of the increased efforts in casefinding and close supervision of contacts and better reporting of active cases, there was a decrease in number of new cases from 276 in 1970 to 260 in 1971; mortality decreased from 6.0 in 1970 to 4.73 in 1971.

INFANT MORTALITY

Infant mortality showed an increase from 29.1 deaths per thousand live births in 1970 to 34.6 deaths per thousand live births in 1971. This unsatisfactory rate is due, in part, to the lack of prenatal care, the high rate of illegitimate births and the high rate of teenage pregnancies.

VENEREAL DISEASES

Our venereal diseases program is continuing vigorously. New syphilis patients decreased from 644 in 1970 to 637 in 1971, a very significant measure of the effectiveness of our program, namely, early diagnosis and early treatment to prevent its spread. Gonorrhea has remained essentially the same while the national trend has been upward.

MEDICAL CARE OF THE SICK

The Health Division provides medical care to citizens on general assistance and the medically indigent. In addition to diagnostic procedures, medications are prescribed and prescriptions are filled. Treatments are provided in the various clinics. The number of patients' visits to the therapeutic clinics (other services excluded) in the City Dispensary increased from 16,500 in 1970 to 17,125 in 1971, and prescriptions filled

decreased from 40,365 in 1970 to 37,430 in 1971. The drop in patient volume seen in previous years, due to the Medicare - Medicaid programs and the establishment of community health centers, has stopped. The increase in prescriptions is due to the fact that our pharmacy continues to fill prescriptions for eligible patients attending outside clinics.

MEASLES - This disease had again run relatively heavy and involved the 15 - 19 age group more than others. There were 460 cases reported in 1971, a decrease of 14 cases from the 474 reported in 1970.

BIRTH STATISTICS

There were 3,044 births or a crude birth rate of 23.8 per thousand births, being a hospital center, Newark had 1,349 non-resident births; subtracting this, we have an adjusted total of 1,695 Newark births, or an adjusted birth rate of 20.1 per thousand. Also there were 1,230 Newark births that took place out of town. The high rate of births out of wedlock continues to be a social as well as a public health problem. Of the 3,351 births out-of-wedlock, 3,221 were Newark babies, which means that of the 7,695 Newark babies, over 36.0 per thousand live births were reported as births out-of-wedlock.

HEART DISEASE

The major cause of mortality is Organic Heart Disease, with 1,624 deaths in 1971, an increase of 49 as compared with 1,673 deaths in 1970. There can be little question that much of the increase in recent years is due to the increased life span.

MATERNAL MORTALITY

There were 6 maternal deaths out of 9,044 births, plus 188 still-births. Maternal mortality has been decreased 80% since the Medical Society formed a Maternal Welfare Committee to cooperate in this work with us over twenty-five years ago.

STATE HEALTH AID

State Health Aid funds have improved the delivery of health services within the City of Newark in the following manner:

1. Provided ambulatory medical and dental services to children and parents at the City Health Center operated by The Friends of Clinton Hill, Inc. by means of contract.
2. Improved and modernized laboratory procedures and enlarged the scope of the work and rapidity of reporting.
3. Provided social work services.
4. Improved the collection, recording and tabulation of data in the Vital Records and Statistics Bureau.

Expanded the dental program to include community-based dental services.

Acute Communicable Diseases

- a. Revamping and modernization of Immunization Records and Files.
- b. Set up programs to immunize on a wider base and prevent outbreaks of disease.

Tuberculosis Control

- a. Carry out more extensive and intensive tuberculosis screening programs for the general public.
- b. Follow through on more visits and contacts.

Greater and more intensive screening, diagnosis and contacts.

Diagnosis

Continuing program for diagnosis and treatment.

Program to keep it the City.

- c. Follow through on screening blood tests in hospitals, both in-patient and out-patient.

Immunization and School Health

- a. Greater emphasis on immunization of pre-school children.

Insistence on children to take care of the greater load and make certain that all children get their immunizations on time.

Lead Poisoning

- a. Increased the screening of children for lead poisoning.

Assured the follow-up of children found to have elevated blood lead levels.

- c. Assured the testing of paint chips for lead content.

Diabetes

- a. More extensive diabetes screening program on a year around basis.

Make certain all are brought under treatment.

Cancer Services

- a. Continued the cancer service at the Newark City Dispensary on a weekly basis.

- b. Smear diagnosis by competent pathologist.

Proper treatment.

SITUATION

The Administrative Bureau coordinates all the activities of the Bureau of the Division of the Health Officer. This includes the Bureau of Records and Assignments, general correspondence, special projects, finance, cleaning and heating. In addition, the executive staff functions as a clearing house for the many daily inquiries that come in by letter, telephone and inquiry, as well as editing the annual health department report.

Education Service. This service, while being an integral part of the Bureau of the Division, is responsible for a number of specific functions including the instruction and programming of food handlers' classes, preparation of audio-visual aids, maintenance of projection and sound equipment, control of all stationery of the Division of Health, and the reproduction and printing of all forms and printed materials used within the Division.

All food classes are conducted for training restaurant workers in the proper handling of food. Attendance is required by City Ordinance.

The instruction includes lectures by staff doctors and inspectors, supplemented by films and recordings to further illustrate the material. More than 1,000 persons receive one hour or more of orientation in modern methods of handling and food service since this program was instituted in 1949.

Immunization programs are conducted, such as polio or influenza, and the service provides a fully-equipped sound track for broadcasting in the street. A pre-recorded message is pre-recorded and played back on a tape recorder from the mobile unit.

The service is responsible for designing all stationary forms, booklets, reports, and specifications are drawn in this office and it handles all budgetary matters in this connection. Great savings are effected by being able to reproduce forms, booklets, and other printed material within the organization. Only when it is done economically in the Bureau, or would be otherwise indicated by policy, is procured by contract with outside firms.

The value of this service lies in its accessibility to the rest of the Division and the close collaboration afforded by this arrangement. The Bureau of the Division expresses their exact needs on a person-to-person basis, resulting in a more complete service.

FINANCIAL STATEMENTS1970

Personal Services
(Salaries) 389 Employees \$2,427,047.00
Other than Personal Services 199,785.00
\$2,626,832.00

TYPE OF EXPENDITURES (other than salaries)

	<u>1970</u>	<u>1971</u>
Dr. Home Calls	-	-
Nurses' Calls V.N.A.	-	-
Drugs-Clinic Supps.	56,115.00	62,865.00
Lab. & Dental Equip. & Supplies	9,500.00	14,500.00
X-Ray Film Service	12,850.00	11,875.00
Tele Service	16,780.00	16,680.00
Postage	3,538.00	3,638.00
Polio & Flu Vaccine	1,000.00	1,000.00

Personal Services
(Salaries) 358 Employees \$2,498,049.00
Other than Personal Services 217,410.00
\$2,715,459.00

	<u>1970</u>	<u>1971</u>
In-Service Training	-	-
Carfare Travel Allow	29,495.00	23,753.00
Milk-Food Samples	200.00	850.00
Cleaning Hlth Stats.	5,300.00	5,975.00
Furn. & Clinic Equip.	-	250.00
Light & Heat	12,500.00	20,235.00
Rent, Annex. & Stats.	14,150.00	12,650.00
Printing-Stationery	13,780.00	11,280.00
Miscellaneous	24,577.00	31,859.00
Totals	\$199,785.00	\$217,410.00

RECEIPTS

Note: These receipts are deposited with the City as Misc'l. receipts and are not reflected in our Budget.

Permits
Chicken, Animal, etc. 16.00

Licenses
Ice Wagons 27.00
Meat Jobbers 2,080.00
Refuse Trucks 36.00
Milk Store-Del. 3,183.00
Meat Plants 2,750.00
Live Poultry 70.00
BX Bottle Money (Sales) 143.94
Telco Refunds 26.69
Newark TB Epi Project 780.00
Miscellaneous 256.53
Fees-Birth, Death & Marriage
Records, Permits & transit 76,036.00
\$85,495.16

DOG CONTROL ACCOUNT

A separate "Dog Control Account" is also kept. Dog License receipts maintain the fund which pays all cost except salaries, such as dog trucks, rabies - vaccinations fees and equipment.

Balance on Jan. 1, 1971 4,831.00
Transfer from Dog Control Act 50,000.00
54,831.00

Disbursements
State Fees 4,559.50
Shelter Rent 11,000.00
Vaccinations 5,702.00
Stationery-Printing 401.25
Miscellaneous 10,083.40
Balance on hand 12/31/71 23,084.25
Receipts Collected - 1971
9,126 Dog Licenses 36,504.00
5 Pet Shop Licenses 50.00
4 Kennel Licenses 70.00
Total 1971 Receipts 36,624.00

DAIRY INSPECTION ACCOUNT

A separate "Dairy Inspection Account" is also kept for cost out-of-town inspections. Dealers pay such cost as travel, hotel, meals, etc. They maintain a balance at all times.

<u>Expended 1970</u>	<u>Expended 1971</u>
\$27,420.38	\$1,532.50
Balance on hand Jan. 1, 1972	\$30,623.50

BUREAU OF VITAL STATISTICS

Nathan Herszkowitz, SUPERVISOR

This Bureau received the following Certificates as follows:

	<u>BIRTHS</u>	<u>DEATHS</u>	<u>MARRIAGES</u>
1970	9,946	4,291	4,438
1971	9,066	4,184	3,416

We prepare reference cards for each, micro-film all of them, send the Original Certificates to the State Department of Vital Statistics in Trenton. All birth and death Certificates are also noted on I. B. M. sorting cards to assist in preparing studies and reports. Individual birth Certificates are prepared and mailed, without charge, to parents of new-born. Certified copies of Out-of-Town Births and Deaths must also be sent to the City of Residence.

Burial permits are issued and many old records are re-issued on request. This is often a slow procedure. Prior to micro-filming, such data was copied, in pen and ink, in old bound books, most of which were rapidly deteriorating, but have now been micro-filmed since 1949, which require 5% of the space needed for the books and save hours of time looking up even one old record.

The requests for old records such as births, deaths or marriages, is in addition to routine work outlined above. The actual cash receipts for 1971 was \$76,036.00 as compared with \$75,117.00 in 1970. The fees for such records are \$2.00 per record and \$1.00 each Transit and Burial or Removal Permits.

Many free records, in addition to the above are supplied for Veterans, School verification and Official Agencies and many thousands of Corrections in Original Certificates must be made.

GENERAL MORTALITY

The following tables show the general mortality rates, crude rate, as well as adjusted deaths and death rates for the years 1949 through 1971. However, indicated a total of only 100,000 deaths in 1949 (1949 Census). The figures for the years 1949 through 1971 are based on the over-crowded conditions of the year 1949. The following table for each of the past year is based on the Official Census Totals.

CRUDE AND ADJUSTED DEATH RATES

Year	Population in 1,000's	Crude Deaths	Crude Rate	Adjusted Deaths	Adjusted Rate
1949	440	5,523	12.6	5,043	11.5
1949	445	5,222	11.7	4,382	9.8
1953	432	5,387	12.5	4,389	10.0
1958	413	4,971	12.0	3,950	9.5
1963	410	5,338	13.0	4,167	10.2
1968	410	4,669	11.4	3,552	8.7
1970	400	4,291	10.7	4,167	10.4
1971	380	4,184	11.0	4,151	10.9

PRINCIPAL CAUSES OF DEATH

The major causes of Newark deaths, including non-resident deaths, shown deaths of Newark residents dying from Tuberculosis in Out-Of-Town areas were as follows:

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Coronary Heart Disease	2,419	2,093	2,067	2,039	2,040	1,821	1,941	1,941	1,941	1,941
Cancer	729	736	771	763	722	695	652	652	652	652
Stroke	529	612	496	460	478	464	374	374	374	374
Chronic Disease	313	392	364	321	294	350	373	373	373	373
Pneumonia and Respiratory Disease	381	403	402	366	253	254	254	254	254	254
Heart's Disease	179	163	101	90	101	97	177	177	177	177
Tuberculosis	52	46	48	42	34	36	29	20	24	24

STILL-BIRTHS BY AGE GROUPS - 1922-1971

	Total	Under 1	1 and 2	2 and 3	Total	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-94	95-104
1922	5,128	356	68	96	520	141	215	914	1,775	1,562					
1943	5,702	367	24	44	435	66	148	660	2,074	2,313					
1958	4,971	437	24	3	424										
1963	5,338	468	34	39	541	41	84	466	1,596	2,368					
1970	4,291	351	23	23	397	35	126	485	1,571	2,635					
			16	24	405	35	145		1,314	1,934					

CIRCA INTERESTING HEALTH TRENDS 1922 - 1971

Deaths	Infant	Birth	Diarrhoea	Tuber-	Tuber-	Bright's
per 1,000	Mortality	Rate	Deaths	cases	cases	Disease
1922	68.0	11,110	133	406	92.5	340
1943		11,110	10	388	80.8	228
1958		11,110	6	294	4.8	270
1963	25.8	14,116	32.1	97	22.0	241
1970	32.1	13,615	30.5	52	11.6	178
	34.9	13,427	32.7	46	11.2	163
	36.8	10,168	24.8	28	6.8	107
	29.1	9,946	24.9	24	5.8	120
	40.4	9,044	23.8	20	4.8	125

DEATH RATE PER YEAR - BY CAUSES OF DEATH - 1922 - 1971

	Non-	Pneu-	Menin-	Other	Cong.	Congenital	All
per 1,000	Fatal	monia	gitis	Diarrhoea	Diarrhoea	Diarrhoea	Causes
1922	2	75	10	105	21	376	567
1943	2	75	2	18	10	191	356
1958	0	41	5	14	5	255	367
1963	0	23	2	6	1	297	364
1970	0	23	6	13	0	387	468
	0	42	5	1	0	300	374
	0	40	2	0	0	246	351
	0	9	1	5	0	315	365

STILL-BIRTHS AND MATERNAL DEATHS

Puerperal	Maternal Mort. Rate	Births	Still-Births	Still-Births per
per 1,000 Deliveries	per 1,000 Deliveries	per 1,000 Deliveries	per 1,000 Deliveries	1,000 Deliveries
4	0.2	10,676	27	2.2
2	0.2	10,168	212	20.8
4	0.4	9,904	197	21.5
1	0.1	9,946	187	18.8
6	0.7	9,044	188	20.8

PLACE OF DEATH BY AGE

1970

INSTITUTION	TOTALS	UNDER 1 YEAR	UNDER 1 MONTH	OVER 1 WEEK AND UNDER 1 MONTH	UNDER 1 WEEK	NEXT 6 DAYS	UNDER 1 DAY	TOTALS	UNDER 1 YEAR	UNDER 1 MONTH	OVER 1 WEEK AND UNDER 1 MONTH	UNDER 1 WEEK	NEXT 6 DAYS	UNDER 1 DAY
City	155	36	119	16	103	46	57	167	36	131	12	119	31	88
Babies'	38	16	22	9	13	6	7	38	15	23	2	21	10	11
Beth Israel	48	6	42	2	40	18	22	74	13	61	11	50	17	33
Columbus	9	0	9	0	9	4	5	10	1	9	1	8	2	6
Presbyterian	20	7	13	2	11	3	8	22	3	19	2	17	5	12
St. James	22	2	21	3	8	7	11	12	1	11	1	10	5	5
St. Michael's	42	12	30	2	28	9	19	27	12	15	4	11	5	6
HOME	17	14	3	2	1	1	0	15	11	4	1	3	1	2
GRAND TOTALS	351	92	259	36	223	94	129	365	92	273	34	239	76	122

INFANT DEATHS (1 YEAR) BY CAUSE AND CODE NUMBER

AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>CODE NUMBER</u>	<u>1970</u>	<u>1971</u>
Septicemia	768	0	0
Bronchitis	502	0	0
Stomach	541.0	0	0
Cirrhosis of Liver	581	0	0
Epidemic Meningitis	057	0	0
Cong. Heart Disease	754	0	0
Simple Meningitis	340	2	1
Apoplexy - Brain Soft.	760.5	0	0
Other Respiratory Diseases	522	0	0
Pneumonia (Other)	763.5	24	14
Pneumonia (Broncho)	763	15	11
Diarrhoea (Under 5 Years)	571	0	4
Hernia & Int. Obstruction	560.5	0	0
Cong. Deftlity & Malf.	790.1	218	266
Whooping Cough	056	0	0
Accident	N933	13	8
Homicide	E982	0	1
Ill-Defined	795	4	4
All Other	780	<u>0</u>	<u>0</u>
TOTALS...		277	309

INFANT DEATHS BY AGE GROUPS

<u>YEAR</u>	<u>TOTAL</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>OVER 1 WK. AND UNDER 1 MONTH</u>	<u>UNDER 1 WEEK</u>	<u>NEXT 6 DAYS</u>	<u>UNDER 1 YEAR</u>
1966	389	107	282	38	244	125	119
1967	412	88	324	37	287	98	189
1968	374	101	273	38	235	86	149
1969	326	111	215	30	185	67	118
1970	351	92	259	36	223	94	129
1971	365	92	273	34	239	76	163

INFANT MORTALITY RATES (FIRST DAY - FIRST MONTH - FIRST YEAR, ETC.)

Year	Under 1 Day	Next 6 Days	Under 1 Week	Over 1 week Under 1 Mo.	Total Under 1 Month	Over 1 Mo. Under 1 Yr.	Total Under 1 Year
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1954	11.2	7.2	18.3	3.2	21.5	7.1	28.6
1959	12.0	10.8	22.8	3.5	26.4	9.5	35.9
1963	15.8	10.3	26.1	2.7	28.7	6.2	34.9
1968	14.7	8.5	23.1	3.7	26.8	9.9	36.8
1970	12.9	9.5	22.4	3.6	26.0	9.2	35.3
1971	18.0	8.4	26.4	3.8	30.2	10.2	40.4

TOTAL DEATHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

BY RACE AND SEX

1970							1971						
Total Deaths	Rate	RACE		SEX		Total Deaths	Rate	RACE		SEX			
		W.	N.W.	M.	F.			W.	N.W.	M.	F.		
Non-Res.	1,148	2.9	1,917	131	679	469	Non-Res.	1,112	2.9	980	112	654	
Resident	3,143	7.9	1,606	1,537	1,805	1,338	Resident	3,072	8.1	1,478	1,594	1,760	
<hr/>													
TOTALS..	4,291	10.7	2,623	1,668	2,484	1,807	TOTALS..	4,184	11.0	2,458	1,706	2,414	

DEATHS BY AGE GROUPS OCCURRING IN NEWARK

AMONG NEWARK RESIDENTS

Year	Und. 5 Yrs.	5-14	15-24	25-44	45-64	65 and Over	Total Deaths
1970	334	24	107	399	942	1,357	3,143
1971	345	30	121	389	884	1,303	3,072

STILL-BIRTHSOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>CAUSE</u>	<u>1970</u>	<u>1971</u>
Prematurity	55	54
Atelectasis	12	13
Congenital Malf.	16	18
Abruptio Placenta	39	32
Anoxia	40	43
Unknown	25	28
TOTALS...	187	188

INFANT DEATHS UNDER 1 YEAR OF AGEOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>TOTAL DEATHS</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>UNDER 1 WEEK</u>	<u>UNDER 1 DAY</u>
1970	277	81	14	81	101
1971	309	77	22	62	148

INFANT MORTALITY RATES UNDER 1 YEAR OF AGEOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>TOTAL RATE</u>	<u>RATES UND. 1 YEAR</u>	<u>RATES UND. 1 MONTH</u>	<u>RATES UND. 1 WEEK</u>	<u>RATES UND. 1 DAY</u>
1970	29.1	8.5	1.5	8.5	10.6
1971	34.6	8.6	2.5	6.9	16.6

LIVE BIRTHS IN NEWARK

1970

1971

	<u>WHITE</u>		<u>NON-WHITE</u>		<u>BIRTHS</u>	<u>M.R.R.</u>
	<u>MALE</u>	<u>FEMALE</u>	<u>MALE</u>	<u>FEMALE</u>		
Res. 1,595**	614	580	191	210	Non-Res. 1,349**	40%
8,351***	1,341	1,208	2,974	2,828	Res. 7,695***	
	14.1	12.7	31.2	29.7	RATIOS*	1.
TOTALS	1,955	1,788	3,165	3,038	TOTALS	9,044

Rates figured Newark Resident-Births in NEWARK.

** Non-Resident Births in NEWARK.

*** NEWARK resident Births in NEWARK.

PLACE OF BIRTHS IN NEWARK

1970

1971

	<u>BIRTHS</u>	<u>DRS. AT</u>		<u>BIRTHS</u>	<u>DRS. AT</u>	
		<u>at Hosp.</u>	<u>HOME</u>		<u>at Hosp.</u>	<u>HOME</u>
Res. 1,595**	1,591	0	4	Non-Res. 1,349**	1,349	0
8,351***	8,214	46	91	Res. 7,695***	7,695	0
TOTALS	9,946	46	95	TOTALS	9,044	0

** Non-Resident Births in NEWARK.

*** NEWARK resident Births in NEWARK.

BIRTHS BY WARDS IN NEWARK AMONG RESIDENTS

BY SEX AND COLOR

1970

1971

<u>WARD</u>	<u>TOTAL BIRTHS</u>	<u>WHITE</u>		<u>NON-WHITE</u>		<u>TOTAL BIRTHS</u>	<u>WHITE</u>	
		<u>MALE</u>	<u>FEM.</u>	<u>MALE</u>	<u>FEM.</u>		<u>MALE</u>	<u>FEM.</u>
NORTH	1,962	661	547	409	345	1,741	541	491
EAST	1,321	407	403	251	260	1,292	410	400
WEST	1,229	152	157	458	462	1,148	135	427
SOUTH	2,369	83	64	1,150	1,066	2,192	69	84
TOTALS	6,881	38	37	700	695	6,322	50	39
Res. 8,351	1,341	1,208	2,974	2,828	7,695	1,201	1,150	2,844

ILLEGITIMATE BIRTHS

ACCOUNTING IN NEWARK AMONG NEWARK RESIDENTS AND SHOWING PLACE OF BIRTH

1970

1971

	<u>MA</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>	<u>TOTAL</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>
JANUARY	320	311	4	5	335	327	3	5
FEBRUARY	248	245	0	3	268	267	0	1
MARCH	206	202	1	3	253	249	1	3
APRIL	261	256	2	3	224	219	1	4
MAY	220	218	0	2	262	260	1	1
JUNE	222	217	1	4	287	285	1	1
JULY	308	305	1	2	286	284	1	1
AUGUST	308	302	3	3	275	272	1	2
SEPTEMBER	272	268	3	1	255	251	4	0
OCTOBER	242	235	2	5	240	239	1	0
NOVEMBER	278	271	4	3	257	251	3	3
DECEMBER	271	268	0	3	279	277	2	0
TOTALS	3,156	3,098	21	37	3,221	3,181	19	21

ILLEGITIMATE BIRTHS IN NEWARK AMONG NEWARK RESIDENTS BY WARDS

MONTH	1970						1971					
	TOTAL	N.	E.	W.	S.	C.	TOTAL	N.	E.	W.	S.	C.
January	320	63	38	42	96	81	335	54	37	55	116	73
February	248	43	30	35	91	49	268	52	26	52	78	62
March	206	38	26	42	59	41	253	50	41	46	67	49
April	261	58	19	39	80	65	224	39	23	34	71	57
May	220	51	25	27	75	42	262	53	26	41	81	61
June	222	46	28	27	68	53	287	49	24	48	98	68
July	308	64	36	40	93	75	286	48	26	39	111	62
August	308	65	29	49	90	75	275	41	24	52	94	64
September	272	56	31	46	86	53	255	50	35	33	90	47
October	242	46	25	45	73	53	240	38	18	29	88	67
November	278	73	29	29	76	71	257	52	35	40	71	59
December	271	49	33	40	93	56	279	45	29	39	94	71
TOTALS	3,156	652	349	461	980	714	3,221	571	344	508	1,059	739

RATES PER 1,000 LIVE BIRTHS	33.1	6.8	3.7	4.8	10.3	7.5	36.1	6.4	3.9	5.7	11.9	8.3
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RATES PER 1,000 POPU- LATION	7.9	1.6	0.8	1.2	2.5	1.8	8.5	1.5	0.9	1.3	2.8	1.7
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N. - NORTH WARD E. - EAST WARD W. - WEST WARD S. - SOUTH WARD C. - CENTRAL WARD	TOTAL BIRTHS			NEWARK RESIDENTS
	YEAR	BIRTHS	NON-RES.	
	1970	9,946	1,595	8,351
	1971	9,044	1,349	7,695

COMMUNICABLE DISEASE DEATHS BY CAUSE AND CODE NUMBER
OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>INTERNATIONAL CODE NUMBER</u>	<u>1970</u>	<u>1971</u>
Epidemic Meningitis	057	0	2
Other Epidemic & Inf. Dis.	082	0	0
Tuberculosis (Lung)	002	24	18
Tuberculosis Meningitis	010	0	0
Tuberculosis (Other Forms)	011-019	0	0
Pneumonia (Other)	492 & 493	105	81
Pneumonia (Broncho)	491	59	52
Diarrhoea (Under 5 Years)	571	0	4
TOTALS...		188	157

COMMUNICABLE DISEASE DEATHS

CAUSE OF DEATHS AND RATES

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>1970</u>		<u>1971</u>	
	<u>DEATHS</u>	<u>RATES</u>	<u>DEATHS</u>	<u>RATES</u>
Epidemic Meningitis	0	0	2	0.5
Other Epidemic Meningitis	0	0	0	0
Tuberculosis of Lungs	24	6.0	18	4.7
Tuberculosis (Meningitis)	0	0	0	0
Tuberculosis (Other Forms)	0	0	0	0
Pneumonia (Other)	105	26.3	81	21.3
Broncho Pneumonia	59	14.8	82	13.7
Diarrhoea (Under 5 Years)	0	0	4	1.0
TOTALS...	188	47.0	157	41.3

CAUSES OF DEATHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS AND RATES

CAUSE	1970		1971	
	DEATHS	RATES	DEATHS	RATES
Diabetes	34	8.5	43	11.3
Leukemia	14	3.5	6	1.6
Pulm. Emb. & Inf.	40	10.0	51	13.4
Hepatitis	13	3.3	16	4.2
Peritonitis	4	1.0	16	4.2
Epidemic Meningitis	0	0	2	0.5
Other Epidemic Diseases	0	0	0	0
Tuberculosis of Lungs	24	6.0	18	4.7
Tuberculosis Meningitis	0	0	0	0
Other Tuberculosis	0	0	0	0
Cancer	383	95.8	379	99.7
Simple Meningitis	3	0.8	6	1.6
Apoplexy	240	60.0	247	65.0
Organic Heart Disease	1,262	315.1	1,196	314.7
Bronchitis	5	1.3	0	0
Pneumonia (Other)	105	26.3	81	21.3
Pneumonia (Broncho)	59	14.8	52	13.7
Other Respiratory Diseases	98	24.5	77	20.3
Stomach	25	6.3	24	6.3
Diarrhoea (Under 5 Years)	0	0	4	1.1
Appendicitis	4	1.0	0	0
Hernia Int. Obst.	11	2.8	15	3.9
Cirrhosis of Liver	73	18.3	69	18.2
Bright's Disease	75	18.8	73	19.2
Puerperal Septicemia	1	0.2	6	1.6
Other Puerperal	0	0	0	0
Congenital Debility	221	55.3	266	70.0
Accident	149	37.3	134	35.3
Homicide	125	31.3	120	31.6
Suicide	10	2.5	18	4.7
Ill-Defined	84	21.0	86	22.6
All Others	81	20.3	67	17.6
TOTALS...	3,143	7.9	3,072	8.1

A. DEATH RATE IN NEWARK AMONG NEWARK RESIDENTS BY CAUSE AND AGE

1970

1971

CAUSE OF DEATH	TOTAL	MALE	FEMALE	UNDER 1 MONTH	1 YEAR	1 & UNDER 2 YEARS	2 & UNDER 5 YEARS	UNDER 5 YEARS	5 TO 14	15 TO 24	25 TO 44	45 TO 64	65 AND OVER	TOTAL	MALE	FEMALE	UNDER 1 MONTH	1 YEAR	1 & UNDER 2 YEARS	2 & UNDER 5 YEARS	UNDER 5 YEARS	5 TO 14	15 TO 24	25 TO 44	45 TO 64	65 AND OVER
Auto and Motor	31	26	5	0	0	0	1	1	3	3	12	4	8	26	21	5	0	0	0	1	1	1	8	6	6	4
Accidental Falls	60	36	24	0	1	2	1	4	0	2	9	9	36	51	39	12	0	4	5	2	11	3	2	6	10	19
Fire, Conflagrations	18	12	6	0	0	1	2	3	5	0	0	5	5	30	24	6	0	1	1	4	6	7	2	5	10	0
Other Burns	3	2	1	0	0	0	0	0	0	0	1	0	2	4	3	1	0	0	0	0	0	0	0	1	2	1
Asphyxia & Suffocation	12	6	6	1	10	0	0	10	1	0	0	0	1	9	7	2	1	3	2	1	6	0	0	2	1	0
Carbon Monoxide	12	8	4	0	1	0	3	4	1	1	1	4	1	1	1	0	0	0	0	0	0	0	0	1	0	0
Drowning	1	1	0	0	0	0	0	0	0	0	0	1	0	4	4	0	1	1	0	0	1	1	1	1	0	0
Illuminating Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Railroad and Bus	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
Miscellaneous	11	8	3	0	0	1	1	2	3	2	4	0	0	8	6	2	0	0	0	1	1	1	1	5	0	0
TOTALS:	149	100	49	1	12	4	8	24	13	8	28	23	53	134	87	28	2	9	8	9	26	13	14	28	42	4

PUBLIC HEALTH LABORATORIES

These laboratories make food, milk and water examinations for the Health Division and diagnostic tests for local hospitals, physicians and Health Division Clinics.

Frank Ciasulli, Chf. Supv. Pub. Hlth. Lab.
Guido Petruccelli, B.A., Chief Bact.
Sara Rotenberg, B.S., Chief Chemist

1 2 7 0

<u>Serological & Hematol.</u>	<u>Total</u>	<u>Reactive</u>
Prenatal (V.D.P.L.)	3,218	19
Prenatal "	7,672	148
Domestic "	980	2
Priv. Doctors "	10,148	368
Dispensary "	7,101	142
Lunatic Clinic "	11,687	1,079
Quant. Tests	3,008	2,030
Hospitals "	7,312	727
Essex Co. Col. "	348	1
Warehoushood "	4,787	40
Wholesale Phasic "	2,146	38
Team "	2,623	36

Total V.D.P.L. tests 61,030 4,630

1 2 7 1

<u>Total</u>	<u>Reactive</u>
3,045	36
9,192	205
835	8
9,543	376
7,437	12
11,832	1,630
2,742	2,644
6,787	204
777	7
6,787	48
16	2
2,297	45

61,190 5,369

Spinal Fluids	-	-	-	-
R.H. Factor Det. pos	7,393		9,926	
" " " neg	858		311	
Blood Typing	7,393		9,926	
"ALA" test for lead	2,984	485	823	763
Complete Blood Counts	1,852		1,282	
Blood Chemistry	1,458		974	
Sedimentation Rate	88		64	
Bl. & Clot. Time	2		4	
Urinalysis	10,175		9,123	

Total Serol. & Hematol. 85,840 2,115 93,623 5,532

1970

1971

<u>Bacteriological</u>	<u>Total</u>	<u>Positive</u>	<u>Total</u>	<u>Positive</u>
Throat Cultures	35	4	19	3
Tuberculosis Sputa	1,762	64	2,474	27
Shigella - Feces	491	8	670	26
Feces - E. Coli	536	6	666	23
" - Salmonella	520	15	676	33
Ova & Parasites	380	11	339	23
Darkfields (Ven.Div.)	-	-	-	-
Rabies (Brain Exam.)	6	-	-	-
Vincent's Angina Smears	21	7	15	4
Trich.Vag.	-	-	-	-
Gonorrhoea Cultures	3,847	813	884	269
" Smears	16,029	5,705	15,222	8,924
Ophthalmic Gonorrhoea	4	-	4	-
Water-Pool exams.	211	-	351	-
Milk & Cream exams.	2,660	-	573	-
Shellfish	12	-	-	-
Frozen Confections	231	-	23	-
Misc.exams.-foods, swabs for utensils, rinse water, pollen, Army,T.B. cultures	1,489	-	208	-
Total Bacteriology	28,234	6,633	22,114	9,335

<u>Chemical</u>	<u>Total</u>	<u>Total</u>
Milk	2,377	69
Cream	795	26
Frozen Conf.	159	12
Pools - City Water	171	344
Meat	341	85
Lead	5,382	20,309
Miscellaneous tests	-	1,275
Total Chemistry	9,225	22,120
No. of determinations	(10,310)	(35,358)
" " below standards	(455)	(5,610)

NOTE: SPECIAL EXAMINATIONS INCLUDED ADDED SULPHITES, EXCESSIVE FAT CONTENT IN MEATS, ARTIFICIAL COLORING AND FLAVORING, FAT PERCENTAGES, OILS, DRUGS, AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE.

TOTAL TESTS 123,299

137,867

DOG CONTROL

Thomas P. Dunn, Supervisor

Prior to 1954, the picking up of stray dogs (all dogs in public must be on a leash) was carried out by the Humane Society. In 1954 this arrangement was changed and greatly improved. The Health Division secured two dog ambulances of its own, operated by four Dog Wardens (Dog Catchers).

	<u>1971</u>	<u>1970</u>	<u>1969</u>
Dog Licenses issued \$4.00 each.....	9126	8578	8420
"Seeing Eye" Dog Licenses (free).....	3	2	4
Pet Shop Licenses \$10.00 each.....	5	4	4
Kennel Licenses \$10.00 each.....	2	2	0
Kennel Licenses \$25.00 each.....	2	2	0

The City pays the State 50% out of each license fee and the State provides free rabies vaccine. The City offers free rabies vaccination for each licensed dog, to be inoculated by participating Veterinarians. Due to popularizing the annual vaccination of dogs, can we feel confident that our present freedom from rabies will continue. It is now 22 years since rabies occurred here, but in 1946 we had 34 rabid dogs, and 21 persons underwent Pasteur Treatment. The compulsory leashing of dogs all year was started at that time. Under the free vaccination arrangement, 7716 Newark dogs were vaccinated this year.

The ambulances during the year picked up 3,185 unleashed dogs and also picked up 1,184 stray cats that were brought to the S.P.A. in Jersey City. Dogs destroyed if not picked up within 7 days. The Dog Control supplies the Sanitation Division with one truck to pick up dead animals on the street. This truck picked up 1155 dead cats, and 2388 dead dogs and 150 other dead animals.

Dog Control (cont'd)

FINANCIAL REPORT

1971

1st Receipts 9126 paid dog licenses.....	\$0.00
1 Pet Shop Licenses @ \$10.00 ea.....	0
1 Kennel Licenses @ \$10 ea.....	0
2 Kennel Licenses @ \$25.00 ea.....	50.00
TOTAL	\$36,624.00
Money sent to State	\$ 4,563.00
Cash on Hand	\$32,061.00

No. of Animals picked up on Streets by Sanitation Department

Dead cats	Dead Dogs	TOTAL
1155	2388	3543

No. of Animals picked up by Dog Control

Dogs	Cats	Total
3185	1184	4369

No. of Licenses issued up to 12/31/71	9129
No. of Seeing Eye Dogs	3
No. of Kennel Licenses	4
No. of Pet Shop Licenses	5
No. of Complaints answered on live animals	5481
No. of Calls on Dead Animals	1057
No. of Dogs Vaccinated by Veterinarians	3716

The Food & Drug Bureau is responsible for the inspection and supervision of all articles of food, drugs and cosmetics. In carrying out this program, it is the responsibility of this Bureau to see that all such articles, in every phase of their preparation for sale, comply with all Federal laws, State regulations and all local ordinances.

The dairy program includes a comprehensive quality control program effective in the daily collection of sample specimens of different milk products for both bacteriological and chemical analyses. This activity is the responsibility of all the inspectors. Their reassignment and the dearth of petty cash funds available for paying for legal samples sharply curtailed this sampling program.

There were ten (10) inspectors assigned to the City food and drug control program at the beginning of 1971. Reassignments during the year literally left the Bureau with a skeleton staff of food and drug inspectors.

Utilizing the remaining manpower, the Bureau continued its local food and drug work. This control program included the inspection of all food, drug and cosmetic operations carried on by the approximately 3,500 food and drug establishments in the City of Newark. Routine continuous sampling by the inspectors of various types of food and drugs for laboratory analyses, together with the physical inspection of the aforesaid establishments, was carried out to determine compliance with all regulations and legal requirements and, in many instances, to determine violations for food and evidence of adulteration and/or misbranding.

This Bureau is also responsible for inspecting and approving locations for pigeon-pick-chicken, etc. permits and for pet shop locations. Ice vendors are also licensed and inspected by this office.

In December, the Public Employment Program assigned six (6) trainees to the Bureau who would be trained as Assistant Food & Drug Inspectors. These people

Food-Drugs & Meat (Cont'd)

will be trained in office and field inspections and possibly qualify for the State Sanitary Program Summer Course at the end of which time they may be eligible for a Sanitary Inspector's license.

Since the training program started there were several changes necessary in the Bureau. One was the discontinuation of legal milk samples, and milk suppliers delivering milk into the City were summoned to a meeting. Numerous samples of milk and milk products were in violation of State statutes--bacteriological will be instituted as a result of this meeting. The City of Newark's Laboratory will be phased-out and milk and milk products samples will be sent to the N. J. State Department of Health Laboratory for analyses.

Also in December 1971, the State Health Department assigned a consultant, Edwin G. Gilbert, D.V.M. and State Epidemiology, to be consultant for Food & Drugs-Meat activities.

This Bureau is also responsible for the inspection of meat and meat products, poultry and fish, as to wholesomeness and fitness for food. We inspect abattoirs, meat processing and poultry slaughterhouses, and wholesale and retail plant outlets and stores. We also inspect the commissaries of restaurants, lunch rooms. We inspect all deliveries of meat, fish and poultry at all City institutions. This work is carried out by a staff of trained meat inspectors and a veterinarian with a State license.

DAIRY PRODUCTS SAMPLING

	<u>Bacteriological</u>		<u>Chemical</u>		<u>Total</u>	
	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>
Milk and Cream Samples	1,977	368	1,959	48	3,936	416
Ice Cream, Other Frozen Conf.	<u>126</u>	<u>15</u>	<u>126</u>		<u>252</u>	<u>15</u>
	2,103	383	2,085	48	4,188	431

CITY INSPECTIONS - Food & Drugs

	<u>1970</u>	<u>1971</u>
Total City Inspections & Reinspections	9,631	10,636
Lic. Div. referrals processed	661	695
Complaints received	504	589
Notices served	1,332	1,397
Notices abated	1,138	1,216
Embargo notices	13	2
Suspected food poisonings	7	20
Utensil swab samples	877	7
Miscellaneous samples taken	190	17

MILK LICENSES

	<u>1970</u>	<u>1971</u>
Issued (Stores, Dealers, Vending Machines, Depots)	\$1,137	\$1,089

OTHER

Pigeons-Ducks-Chickens, etc.	16
Ice	24
Refuse	36

Food-Drugs & Meat Inspection (Cont'd)

Inspections & Reinspections - Veterinary-Meat

	1970	1971
Abattoirs.....	11h	96
Wholesale Meat & Dressed Poultry...	2,080	1,66h
Commissaries.....	65	29
Refrigeration Plants.....	h1	28
Wholesale Live Poultry.....	330	2h0
Truckloads of Poultry.....	503	h78
Wholesale Fish.....	h4	38
Provision Mfr. Plants.....	720	397
Retail Establishments.....	2,635	2,519
City Institutions & Ice Boxes.....	78	3h
Total	6,99h	5,823

Condemnations of Poultry, meat and fish products.

19h,000lbs. 1h8,500lbs.

Samples for analysis.....	297	239
Complaints investigated.....	179	128
Notices served.....	h13	312
Notices stated.....	h02	307
Court cases.....	13	11

Licence Fees

\$ \$

Meat Jobbers.....	2,105	2,010
Meat Plants.....	2,700	2,850
Live Poultry.....	10	70
Total	h,815	h,930

The Lead Poison Control Program was instituted as a separate bureau within the Division of Health with an initial staff of five inspectors. It has expanded and is now a bureau consisting of twelve licensed inspectors.

It states that when lead paint is found to be present within a dwelling unit an inspection must then be conducted of all other dwelling units on the premises within thirty days.

The program is primarily concerned with the elimination of lead paint in the interior of all dwelling units, especially those occupied by children exhibiting a blood lead level of 50 micrograms per 100 milliliters of whole blood and when a dwelling unit of a child with an elevated blood lead level is found to contain paint in excess of 1% lead, the owner is served with a notice to make all positive areas lead free or to effectively cover the same so that lead paint is inaccessible to children.

Many cases are forwarded for prosecution because of landlords' unwillingness or refusal to state the existing number of positive paint sample violations obtained by inspectors.

Inspection is conducted by this bureau to determine if lead based paint is being used for interior use. Many samples of liquid paint were obtained and sent to the laboratory for analysis. Approximately 10% of the paint tested was found to contain more than 1% lead.

It is the responsibility of inspectors to be cognizant of not only lead paint violations but also all violations which may affect the public's health. Violations of other lead paint are immediately referred to the appropriate agencies.

The Lead Poison Control Program must conduct what is in essence a thorough investigation of each case reported to have an elevated blood lead level. A lead poisoned child may not have contracted his condition from the dwelling which may be free of lead paint, but he may have contracted it from another source which he spends a good deal of time. It is the duty of the inspector to investigate all possible sources of exposure. This would include lead painted toys, cribs, etc., which are frequently found in the child's environment.

Ideally, the child should be placed in a lead free environment while their own dwelling is being made lead free. At present no provision exists for the temporary relocation of lead poisoned children. Hopefully, this situation will be rectified in the near future.

The bureau has recently purchased a "Lead in Paint Analyzer." This device uses a radioactive element to determine the lead content of paint. Its use has proven valuable in court proceedings where a lead paint sample has been removed from surfaces and the results of a reinspection to determine if the paint has been removed or plaster.

Lead Poison Control Program, cont'd.

The "Lead in Paint Analyzer" may prove invaluable as a screening mechanism by reducing the number of negative paint samples brought to the laboratory for analysis.

The responsibility for the control of lead poison in the City of Newark does not rest solely with this program, but is a concerted effort comprising community groups, public health nurses, hospitals, private physicians and the municipal laboratory all of which work closely for the eradication of this problem in the community.

Following is a record of activities conducted by the Lead Poison Control Program since its inception in February 1971:

Dwelling units inspected.....	1,794
Dwelling units on which notices were served.....	1,362
Dwelling units on which violations were abated.....	519
Dwelling units forwarded for prosecution.....	584
Dwelling units on which hearings were conducted.....	649
Structures referred to other departments.....	96
Dwelling units reinspected.....	3,475

COMMUNICABLE DISEASES CONTROL

Alfred D. Giordano, Chief Inspector

The Communicable Disease Bureau is responsible for the control and prevention of the spread of communicable diseases other than Venereal and Tuberculosis. It is the duty of the Communicable Disease Bureau to see that all cases of communicable diseases are reported promptly; to investigate all cases that require such action as per the New Jersey State Sanitary Code or local ordinance and to immunize against Diphtheria, Pertussis, Tetanus, Smallpox, Poliomyelitis, Measles and Rubella.

Early in 1971, the Communicable Disease Bureau was charged with the added responsibility of Rabies Control.

Rabies Control: All animal bites are required by law to be reported to this bureau. Each bite is investigated and the biting animal is quarantined for ten (10) days from the date of bite. If the animal in question is alive and well after the quarantine period is over, the victim need not undergo any further treatment. Should the animal under quarantine die, the head is removed and is immediately sent out to be examined for rabies. If the examination proves to be positive for rabies, the victim (or his physician) is immediately notified and arrangements made as soon as possible for the victim to undergo the Pasteur Treatment for rabies without fail. This treatment is offered free of charge to anyone bitten by a Newark animal.

The year 1971 has seen little change in the disease picture of our urban area. Thirteen of the reportable diseases on our chart had no cases whatsoever as compared to twelve of the previous year.

Of the major diseases, Tetanus, Poliomyelitis, Diphtheria and Smallpox were notable by their absence. This speaks well for our continued protective activity coupled with that of the Newark School System and other Agencies in maintaining our high level of immunity. This Bureau follows up all Newborns by mail, at age three months, urging prompt immunization during the first year of life and with the school system requiring partial immunization before a child is admitted (and then prompt completion when not done). We manage to keep our immunity level at a high point.

The year of 1971 has also been noted for an historic first in the area of immunization. On recommendation from the United States Public Health Service Advisory Committee, the New Jersey State Health Department has concurred with the above committee and advises the discontinuance of

Communicable Diseases (cont'd)

routine smallpox vaccination. It holds that the risks of vaccination complications outweigh the risk of getting smallpox. At present the Newark Health Department is going along with the above recommendation.

Although Influenza was predicated as being of not too serious a disease factor in 1971, influenza immunization was again offered and administered to all senior citizens in the City of Newark, the aged, known cardiac and respiratory cases and to groups of essential workers, Police and Fire Department and other emergency personnel. It has been reported that in 1971 influenza had reached epidemic proportions in the Metropolitan area.

Lead Poisoning In children this has become a serious problem and we have had 193 reported cases this year as against 146 the previous year. This can be attributed to a greater concentration on this disease at all levels. The use of lead base paints on walls, ceilings, toys, furniture and other articles directly contributes to this disease.

Meningococcal Meningitis This disease increased slightly over 50% of last year's cases of five. Although we show this increase in 1971 (11 cases) it is but 1 case over our eleven year norm of ten.

Hepatitis Serum and Infectious/ 460 Hepatitis cases were reported this year, a slight drop from 474 in 1970. As we are aware, no preventive measures have been developed to help control this disease and no specific medication has been found for treatment. Isolation, bed rest, diet and supportive measures are still all that is available. The long incubation period makes it essential to maintain continued observation of family contacts to locate secondary cases. Some of the spread of this disease is directly linked to drug addicts who carelessly use the same equipment on each other and thus spread the infection by contamination of syringes and needles.

Typhoid Fever Of the four cases reported this year, three cases proved to be interesting and a great deal of time and work was spent by inspectors of this Bureau to complete this investigation. The index case was a 10 month old infant who had recently arrived from India. Follow up investigation on the contacts involved four families (all of Indian extraction) and a total of fourteen persons. Stool specimens were taken on all contacts and subsequent laboratory reports revealed that the mother of the infant and the uncle of same were positive for salmonella-typhi. Working in close relation with the New Jersey State Health Department all cases were performed a specific course of treatment through

Communicable Diseases (cont'd)

their private physician and after cessation of medication three stool specimens (taken 24 hours apart) were obtained from each of the cases. These specimens were reported as negative and the cases were released. Fortunately none of the cases or the contacts were food handlers or engaged in any type of work related to beverage or food.

Diarrheal Diseases As a group all of these diseases are still running heavy and have become a real problem. In many families multiple cases occurred (especially among the very young) having spread through faulty hygiene and sanitation. Naturally this proves the need for education along the line of household sanitation and education has become an essential part of the work of this bureau.

<u>Disease</u>	<u>1971</u>	<u>1970</u>	<u>1969</u>
Salmonella-Typhi	4	2	2
Salmonellosis	127	114	77
Pathogenic E. Coli.	51	164	157
Bacillary Dysentery	91	86	101
Amoebic Dysentery	1	0	1
Infantile Diarrhea	69	85	13

Rabies Investigations and Control

	<u>1971</u>	<u>1970</u>
No. of persons bitten by dogs	4233	2837
No. of persons bitten by cats	26	21
No. of persons bitten by rats	38	36
No. of persons bitten by other animals	28	15
Total of cases investigated	3727	2913
No. of persons given Pasteur treatment	1	0
No. of dog brains examined	Neg. 11	13
	Pos. 0	0
No. of other animal brains examined	Neg. 7	7
	Pos. 0	0

MORBIDITY REPORT 1961 - 1971

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Diabetes	2	2	1	1	2	0	0	5	1	0	2
Trachoma	0	1	0	0	0	0	0	0	0	0	0
Scabies of Newborn	-	-	2*	0	1	0	0	0	0	0	0
Scarlet Fever	0	0	0	0	0	0	0	0	0	0	0
Septicemia (Infectious)	0	0	0	0	0	0	0	0	0	1	0
Syphilis	48	117	223	164	81	74	61	15	10	11	8
Tuberculosis	293	267	163	194	118	158	161	239	258	474	460
Food Poisoning	-	-	15*	77	102	76	37	13	74	146	193
Measles	0	0	0	6	2	0	0	1	4	0	1
Scarlet Fever	4305	2556	3547	2495	1626	684	104	163	76	77	83
Group B. Meningitis	10	10	10	7	10	15	12	12	11	5	11
Scarlet Fever	Reportable as of 10-1-67								81	24	19
Scarlet Fever, Neonat.	9	4	8	7	10	19	2	5	11	3	4
Pathogenic E. Coli	-	-	-	-	-	31*	85	110	157	164	51
Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0
Rocky Mt. Spotted Fever	0	0	0	0	0	0	0	1	0	0	0
Scarlet Fever	Reportable as of 8-1-69								6	5	6
Scarlet Fever	0	0	15	20	25	77	63	91	77	114	127
Scarlet Fever	-	-	-	1	15	24	39	71	101	86	91
Scarlet Fever	0	1	0	0	0	0	1	0	0	2	0
Scarlet Fever	2	2	0	2	0	0	0	0	1	2	1
Trichinosis	0	0	0	0	2	2	1	1	2	2	4
Typhoid Fever	0	0	0	0	2	2	1	1	2	2	4
Tuberculosis	372	332	341	299	355	360	324	355	282	275	260

*Reportable as of Jan. 1st of current year

HEPATITIS CASES REPORTED TO NEWARK DIVISION OF HEALTH - 1971 - 460 CASES

AGE GROUP CASES

0 to 4:	14
5 - 9:	23
10 - 14:	7
15 - 19:	154
20 - 24:	135
25 - 29:	84
30 - 34:	25
35 - 39:	8
40 - 44:	7
45 - 49:	3
50 - 54:	0
55 - 59:	0

MALES: 311
 FEMALES: 149

NEWARK CASES: 429
 NON-RESIDENTS: 31

TREATED IN HOSPITALS: 414
 TREATED AT HOME: 46

NON-RESIDENTS TREATED
 IN NEWARK HOSPITALS: 26

INFECTIOUS HEPATITIS: 286
 SERUM HEPATITIS: 174

BUREAU ACTIVITIES - 1971

Inspectors Investigations	1088
Reinspections	1119
Misc. Inspections	67
Misc. Reinspections	715
Water samples (swimming pools, etc.)	547
Specimens delivered	1135
Specimens collected	887
Sp. Ass'gn. & Complaints Investigated	118
Wrong addresses	141
No Entry	122
Court (Days)	53
Animal Bites Investigated	3727
Animal released from quarantine	2994
Culture Stations visited	5371

CULTURES COLLECTED

Vincent's Angina	6
Ophthalmia	7
Blood (Lead Level)	4411
Feces	100
Cultures	337
Wasserman's	18027
Neisser's	2227
Sputum	140
Total cultures collected	25755
Total outfits delivered	15061

IMMUNIZATIONS

	<u>D.P.T.</u>	<u>POLIO</u>	<u>MEASLES</u>	<u>SMALLPOX</u>	<u>RUBELLA</u>
1970 Health Clinics	15,559	15,348	2,551	4,406	-
Priv. Doctors	309	267	47	54	3
1971 Health Clinics	13,844	13,408	2,620	3,702	2,923
Priv. Doctors	350	310	34	42	22

The reported incidence of primary and secondary syphilis in the City of Newark leveled off at four hundred and twenty-nine cases in calendar year 1971, just two cases over the reported total for calendar year 1970. Reported cases of early-latent syphilis (under four years in duration) also leveled off - two hundred and seven reported cases in 1970; two hundred and eight reported cases in 1971. This is the first year since 1968 that there has not been a precipitous rise in infectious syphilis. However, it is the highest number of early cases reported since 1962.

The reported incidence of gonorrhea in the city decreased from 5,120 cases in 1970 to 5,470 cases in 1971.

The clinic involvement in two gonorrhea projects during 1971 resulted in an expansion of G.C. screening throughout the city. The following city agencies have cooperated in the screening venture, aimed at asymptomatic females:

Planned Parenthood
William Street

Essex County Youth House
Duryea Street

O.E.O. Family Planning
Broadway

North Jersey Community Union
Newark

OB-GYN Clinic - Family
Planning Clinic
Martland Medical Center

Maternal and Infant Care Project
Broad Street

In the V.D. clinic in 1971, 1,663 females were examined for gonorrhea - 583 or 35% were found to be infected. In all the other agencies, 16,635 females were cultured for gonorrhea - 942 or 5.6% were found to be infected.

During 1972, this service will hopefully be extended into several cooperating city hospitals and other health agencies. This screening activity, coupled with an increased emphasis on gonorrhea case-finding through contact interviewing, can only aid in decreasing the number of females with asymptomatic gonorrhea who unknowingly transmit their infection. Additionally, in 1972, with the assistance of three Health Aides, more females with gonorrhea will be counseled, and more will be encouraged to have a culture test for gonorrhea.

The plateau-like level of primary and secondary syphilis incidence may be sign of a future decrease. Several different actions are now under way and more are planned for 1972. Presently, all females who are cultured for gonorrhea, either at the V.D. Clinic or a health agency, also get a serologic test for syphilis. This screening process can be a source of morbidity. During 1971, four new interviewer-investigators were added to the epidemiologic staff; four more will be added in the first three months of 1972. Starting in February 1972, all contacts to infectious syphilis who are physically negative will have their blood sera tested by an R.P.R. card test. This test will be used as a tool to help determine interviewing and investigative priorities. The knowledge of possible infection gained by an interviewer can help him to concentrate on people who need his help the most - those at "higher risk" developing syphilis. Finally, in 1972 there will be an emphasis on "mapping" areas, blocks, or streets that have a high incidence of infectious syphilis.

With trained health aides, printed materials, extension of the program to the point literature; with concerned neighborhood agencies and groups, and with formal and informal speakers and speakers, we have to increase the spread of disease in "target areas."

Second, the treatment of both lymphatic and hemorrhagic fever is a difficult one. It is in the prevention, that we direct our efforts, in their prevention, that we direct our efforts.

SKIN DISEASE ACTIVITY - Treatment in our skin clinic has been an increase from last year.

	<u>1970</u>	<u>1971</u>
Total skin treatments	3468	4340

VENEREAL DISEASECLINIC REPORT

<u>SYPHILIS REPORTED</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
Blood Tests	- - -	10,501	11,157
Darkfields	- - -	443	413
Total new patients	418	644	637
Total patient visits	3,843	4,732	4,530
Treatments given	2,543	4,087	4,531
Primary and Secondary	29	427	429
Early Latent	15	207	208

Gonorrhea Reported

Male and Female	5,438	5,520	5,470
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SEXUAL CONTACT OF PATIENTS

<u>SYPHILIS & GONORRHEA</u>			
Named	1,509	2,892	3,210
Found and Examined	1,611	1,911	1,921
Found Infectious	215	1,048	1,103

Venereal Dis. Control (cont'd)

City of Newark

Reported Early Syphilis Morbidity

1971

[illegible]
$$= \frac{1}{2} \pi^2 \Gamma(4) \zeta(4)$$

S-20 - Secondary

EL 1-2 - Early Latent 1-2 years duration

EL 1-4 - Early latent 1-4 years duration

CHEST DISEASES CONTROL

John H. Alcamo, M.D., Director & T.B. Control Officer

During the year of 1971 the Chest Disease Bureau saw an increasing number of patients in spite of the continued shortage of physicians, nurses and competent clerical help. The anticipated shift of some of our patients to the five hospital-based tuberculosis clinics did not materialize sufficiently to appreciably reduce our case-load. Patients continue to come to our clinic because of its easier accessibility, longer operating hours and sympathetic staff.

This year's report reflects a change in the method of reporting our cases. In previous years Newark's rates were based solely on newly diagnosed cases. This report reflects the addition of newly reactivated cases, totaling 55, to the 260 new active cases reported.

The Tuberculosis Control Program has made a renewed effort in the past year to provide improved services. During the past year we have received increased Federal and State assistance by the addition of a number of new investigative positions. In conjunction with this we increased the number of clinic sessions and, we hope, the quality of service given.

In 1970 we had 7,622 visits in our William Street Clinic. The total reported new cases in 1970 were 275 and the morbidity rate was 68.5 per 100,000.

In 1971 the total reported active cases were 315 and 8,969 visits were made in our William Street Clinic and 2,018 visits in the five hospital-based

tuberculosis clinics The morbidity rate for 1971 was 82.9 per 100 000

All of these reports are based on a drop in the population from 400,000 to 380,000.

We still have not solved the rapid apprehension of the absconding positive tuberculosis patients.

TUBERCULOSIS MORTALITY AND MORBIDITY RATE (ALL FORMS)

<u>YEAR</u>	<u>POPULATION</u>	<u>NO. DEATH</u>	<u>CASES REPORTED</u>	<u>MORTALITY</u>	<u>MORBIDITY</u>
1945	443,000	247	495	55.8	111.7
1950	443,000	209	526	47.2	117.2
1955	413,000	68	490	15.7	116.6
1960	406,000	40	343	9.6	84.5
1961	406,000	50	377	12.3	92.6
1962	410,000	42	332	10.2	81.0
1963	410,000	46	341	11.2	83.2
1964	410,000	48	299	11.7	70.7
1965	410,000	42	355	10.2	87.6
1966	410,000	35	360	8.5	87.8
1967	410,000	36	323	8.78	78.7
1968	410,000	28	336	6.8	80.7
1969	400,000	20	282	5.0	70.5
1970	400,000	24	275	6.0	68.75
1971	380,000	18	313*	4.73	82.9

*This figure includes 260 new active cases reported, plus 53 new re-activated cases.

CHEST DISEASES (cont'd)DIVISIONAL WORK TOTALS - 1971Patients and Contacts Under Supervision

Patients - 2,141 New Contacts - 1,001

1. Tuberculosis - Tuberculosis, Adults and Children	8,660
Clinic Examinations - Cardiac	1

2. Tuberculosis - 149, 1,017 - 6,086	6,246
--------------------------------------	-------

Mantoux Tests - Clinic	2,241
Sputum Examinations - (Smears)	3,477
Sputum Examinations - (Cultures)	3,477
Sputum Examinations - (Nebulizations)	2,000
Electrocardiograms	1
Mercuryhydri Injections (Clinic)	1
Patients Admitted to Sanatoria	1
Commitments (Verona & Glen Gardner)	1
Streptomycin Injections (Clinic)	1

ADDITIONAL CASES OF TUBERCULOSIS BY WARD

NORTH WARD ----- 25

EAST WARD ----- 57

SOUTH WARD ----- 76

WEST WARD ----- 44

CENTRAL WARD ----- 58

NON-RESIDENTS ----- 0

TOTAL ----- 260

Age, 1971

Order 1 Tr. No. of	1-4 Yrs.		5-9 Yrs.		10-14 Yrs.		15-19 Yrs.		20-24 Yrs.		25-29 Yrs.		30-34 Yrs.		35-39 Yrs.		40-44 Yrs.		45-49 Yrs.		50-54 Yrs.		55-59 Yrs.		60-64 Yrs.		65-69 Yrs.		70-74 Yrs.		75 & over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	18														5		3		3		6		1									
White	7																		1	1	5											
Non- White	11														1	4	2	1	1		1		1						1			

Yr. of Death - (7 Years) - 1965 through 1971

Yr.	1965	1966	1967	1968	1969	1970	1971	Total
1-4 Yrs.	0	0	1	9	11	10	8	3
5-9 Yrs.	0	1	0	16	5	8	4	1
10-14 Yrs.	0	0	1	13	6	10	3	3
15-19 Yrs.	0	1	0	12	6	7	2	0
20-24 Yrs.	0	0	0	4	6	4	5	1
25-29 Yrs.	0	2	1	5	6	5	4	1
30-34 Yrs.	0	0	0	5	3	3	6	1
TOTAL	0	4	3	64	43	47	2	1

DEATHS - LARGE OF TIME AFTER REPORT OF CASE - 1971

No. CASES REPORTED PRIOR TO DEATH - WITHIN 1 YEAR

TOTAL DEATH
NO. NEW ACTIVE TB C

CITY DISPENSARY

Michael J. Frattantano, M.D., Assistant Health Officer
Violet Padula, R.N., Public Health Nurses Supervisor.

The Newark Division of Health Clinics provide medical, dental, surgery, x-ray and laboratory services together with prescribed medications to needy residents of Newark. Eligibility determined by social case investigation, covers City welfare clients and medically indigent residents not covered by other welfare.

In 1971 a total of 3,286 patients made 17,125 visits to the therapeutic clinics in the City Dispensary. Visits to clinics in the Bureau of Chest Diseases, Dermatology, Skin and Venereal Diseases are noted elsewhere in the Division of Health Annual report.

A total of 1,155 patients made visits to additional services including screening programs, (lead poisoning, hypertension and diabetic detection) domestic violence, license applicants and new employees.

A total of 1,155 patients were seen in therapeutic clinics and other services.

In addition to the above, an Immunization Clinic is conducted daily. Total immunization for 1971 were 11,875.

At the end of the year, an influenza program is offered on a selected basis. (see statistics below).

During 1971 the Public Health Nurses responded to 1,052 requests for patient referrals from health and social agencies, hospitals and private physicians on patients who attended the Dispensary Clinics.

TYPE OF SERVICE	1970	1971	IMMUNIZATIONS	1970	1971
Allergy	1400	1461	Diphtheria, Pertussis, Tetanus	2647	3118
Cardiology	140	223	Diphtheria, Tetanus-Ped.	145	1028
Eye	1191	1830	Diphtheria Tetanus-	1344	1767
Gastro-Int.	269	153	Oral Polio Trivalent	4735	3515
Medical	7895	8208	Measles Vaccine	310	167
Neurological/Welfare Center	1690	150	Smallpox vaccinations	2445	2731
Metabolic	1380	1624	Rubella Vaccine	-	119
Orthopedic	545	727			
Podiatry	1230	807	Total Immunizations	12017	11875
Injections	351	558			
Total Visits	16,500	17,125	Influenza Vaccine	2503	2055

Total Patients seen in
Therapeutic Clinics 3346 3286

Other Services 1828 2351 (See following sheet)

Total Patients Seen 4174 5637 (1828 patients were on City Welfare)

Volunteer Evaluation Center

Supervising Physician

✓ * * * * * DECEMBER 31, 1971.

The Medical Evaluation Center has been in its present location at 6 University Avenue (across the street from the Library) on the first floor, for the past two years. There has been a gradual lessening of the Center's work-load due primarily to the inadequate number of medical personnel.

patient who has applied for relief is referred to this Center by the City Dispensary. After the examination is performed he is referred to the City Dispensary for the basic laboratory work (chest x-ray, speciality clinics as cardiac, orthopedic, eye, etc. When reports come in they are attached to the chart, which is then reviewed by the supervising physician. On the basis of the information furnished by the examining doctor, the laboratory reports and the patient's own statement, an effort is made to rehabilitate him or to find him a job which is within his capacity. If, however, the disability is such that he will be laid up for a period longer than six months then the caseworker will refer him to the Essex County Welfare Board.

and, they are sent to the Acting Assistant
 Sec of the Welfare Department, for further supervision.

of the clients presently on relief and those who were applying

Instead of,

REPORT OF THE MEDICAL EVALUATION CENTER FOR THE
YEAR ENDING DECEMBER 31, 1971

Month	<u>Appointments Made</u>	<u>Patients Examined</u>	<u>Patients Failed</u>	<u>Patients Capable</u>
Jan.	200	123	47	76
Feb.	198	119	41	78
Mar.	294	180	77	103
April	278	181	58	123
May	263	162	64	98
June	293	166	77	89
July	215	122	42	80
Aug.	115	72	17	55
Sept.	141	100	24	76
Oct.	149	86	34	52
Nov.	167	100	38	62
Dec.	<u>138</u>	<u>76</u>	<u>38</u>	<u>38</u>
Total...	2451	1487	557	930

ESTIMATE LENGTH OF DISABILITY

Month	<u>Less than 2 months</u>	<u>2 to 6 months</u>	<u>Over 6 months</u>	<u>Over a year</u>	<u>Total</u>
Jan.	23	45	33	22	123
Feb.	31	36	26	26	119
Mar.	37	59	45	39	180
April	53	46	35	47	181
May	34	49	34	45	162
June	48	66	19	33	166
July	43	40	9	30	122
Aug.	8	37	10	17	72
Sept.	11	43	21	25	100
Oct.	8	40	21	17	86
Nov.	9	40	25	26	100
Dec.	<u>7</u>	<u>24</u>	<u>25</u>	<u>20</u>	<u>76</u>
Total....	312	525	303	347	1487

ITI DISPENSARY PHARMACY

Chief Pharmacist

Samuel Talpins, PHG., R.P.

Prescriptions

The Health & Welfare City Dispensary Pharmacy dispensed approximately 7,449 prescriptions for the year 1971. These prescriptions are filled for welfare patients and medically indigent patients who are treated at the City Dispensary, as well as at outside hospitals and other clinics.

Activities of The Pharmacy

Many preparations which are practical and economical to prepare are prepared in bulk by the pharmacists. The preparations of medications and the packaging of supplies to Parochial Schools, Child Hygiene Stations, and other school stations are a part of the routine pharmacy work. Records are maintained for the distribution of free State Biologicals to private physicians.

Functions of The Pharmacy

The functions of the Pharmacy relate to the ordering and receiving of surgical supplies, drugs, surgical equipment, free State Biologicals, antibiotics, narcotics, and also alcohol for manufacturing purpose and clinical use. Also raw materials are purchased for prescription compounding.

An accurate record is kept when biologicals are received including lot numbers and expiration date. Concurrent records are kept as to dates and quantities dispensed to clinics, physicians, Parochial Schools, and Child Hygiene Stations. Records are sent to State Department of Health as to amounts of each biological dispensed from the Pharmacy.

After merchandise ordered is received the Purchase Orders are processed with billing paper work for payment. A complete record of all drugs and surgical supplies and surgical equipment is kept in the Pharmacy Office.

A check as to dated drugs and other staple items are constantly scrutinized and these items are exchanged for new drugs if out-dated. Records are also maintained numbering into hundreds for distribution of Insulin and other diabetic drugs. These records are up to date and accurate because it is vital information so that the patient does not take an overdose of these drugs.

Drug salesmen are interviewed and professional discussions are held periodically relating to new drugs. Many times the Technical Service Department of our District Vendors have been called for information not contained in the brochure with the drug.

The Pharmacy maintains at all times a well stocked supply of modern up-to-date drugs, anti-biotics, polio vaccine as well as measles virus vaccine, Rubella vaccine, Diphtheria and Tetanus Toxoids and Pertussis vaccine Adsorbed and Tetanus Diphtheria vaccines.

INFORMATION CONCERNING BIRTHS & DEATHS	1970	1971
Total Births in Newark	9 946	9 044
Delivered in Hospitals	9 805	8 957
Delivered at Home	141	97
By Physician	46	49
By Other	91	48
Total Stillbirths	18	108
Total Deaths Under One Year	277	309
% Infant Mortality per 1000 Births	29.1	34.6
% Deaths Under One Month per 1000 Births	1.5	2.5
% Deaths Under One Week per 1000 Births	8.5	8.9
% Deaths Under One Day per 1000 Births	10.6	16.6
% Stillbirths per 1000 Deliveries	18.5	20.8

CHILD HEALTH CONFERENCE SESSION REPORT	1970	1971
Total Number of Sessions	1,769	1,731
New Cases	4,482	5,832
First Visit this Calendar Year of Previously Carried Case	5,510	5,524
Re-Visits This Calendar Year	22,280	22,585
Total Attendance	32,272	31,911
Complete Examination by Physician	17,153	15,796
Other Services Only DPT First Injection	15,119	16,115
DPT First Injection	3,144	2,912
DPT Second Injection	2,989	2,678
DPT Third Injection	2,546	2,474
DPT or DT Booster	1,303	1,601
Ped. DT (other than booster)	58	3
Oral Polio Trivalent - First Dose	3,347	2,869
Oral Polio Trivalent - Second Dose	3,157	2,773
Oral Polio Trivalent - Third Dose or Booster	4,309	4,251
Measles Vaccine	2,441	2,460
Smallpox Vaccine	1,955	1,571
Rubella Vaccine (German Measles)	1,260	2,809
Tuberculin Test	2,631	2,748
PKU Test	5,649	5,636
Vision Screening	180	122
Hearing Screening	265	168
Referral for Medical or Dental Care	1,161	978
Sickledex		106

Child Hygiene (cont'd)

<u>BUREAU ACTIVITIES - HOME VISITS¹</u>	<u>1970</u>	<u>1971</u>
Total Home visits made by Public Health Nurses	10 880	10 085
Visits to Mentally Retarded Children	259	260
Visits to Children in City Licensed Boarding Homes	29	40
Visits to premature infants	680	588
Referrals from New Jersey State Department of Health for Investigation of Unattended Births	111	51
Lead Poison Control Visits	1 888	4, 525
Accident Control Visits	59	67
Referrals for Investigation and follow-up from Maternity Infant-Care Project	70	64
Health Promotion Visits by Public Health Nurses	6, 934	3, 561
 <u>LEAD POISON CONTROL PROGRAM</u>	 <u>1970</u>	 <u>1971</u>
Cases Investigated by Public Health Nurses	510	585
Cases referred to Sanitary Bureau for Housing Inspection	510	566
Urines Tested for Aminolevulinic Acid	3, 299	1, 013
Urines positive for Aminolevulinic Acid	537	127
Reported cases diagnosed as Lead Poisoning	146	566
Blood Lead Levels Drawn		2, 831

¹ Home Visits - These figures are included in the Public Health Nursing Report

CHILD HEALTH CONFERENCE STATIONS

<u>DAY</u>	<u>HOUR</u>	<u>STATIONS</u>	<u>LOCATIONS</u>
Monday	8 30 A. M.	289 So. Orange Ave.	
	8.30 A. M.	Hayes Homes	7-17th Ave.
	8 30 A. M.	Mt. Calvary Church	235 Seymour Ave.
	8 30 A. M.	St. Rocco's Church	208 Hunterdon St
	8 30 A. M.	St. Columba's School	23 Pennsylvania Ave
	8 30 A. M.	200-16th Ave.	
	12 30 P. M.	Wright Homes	159 Spruce St
	12 30 P. M.	289 So Orange Ave	
Tuesday	12 30 P. M.	200-16th Ave.	
	8 30 A. M.	Beth Israel	201 Lyons Ave
	8 30 A. M.	Walsh Homes	1945 McCarter Hwy
	8 30 A. M.	289 So Orange Ave.	
	8 30 A. M.	Hayes Homes	7-17th Ave
	12 30 P. M.	St Michael's Hospital	306 High Street
	12 30 P. M.	Babies Hospital	15 So 9th St
	12 30 P. M.	Wright Homes	159 Spruce Street
Wednesday	12 30 P. M.	Mt. Calvary Church	235 Seymour Ave
	8 30 A. M.	St. Columba's School	23 Pennsylvania Ave
	8 30 A. M.	St. James Hospital	155 Jefferson St
	8 30 A. M.	Mt. Calvary Church	235 Seymour Ave
	12 30 P. M.	St. Michael's Hospital	306 High Street
	12 30 P. M.	Babies Hospital	15 So 9th St
	12 30 P. M.	Hayes Homes	7-17th Ave.
	12 30 P. M.	200-16th Ave.	
Thursday	8 30 A. M.	Kretchmer Homes	85 Ludlow St.
	8 30 A. M.	289 So. Orange Ave	
	8 30 A. M.	St. Rocco's Church	208 Hunterdon St
	8 30 A. M.	Walsh Homes	1945 McCarter Hwy
	8 30 A. M.	Beth Israel Hospital	201 Lyons Ave
	12 30 P. M.	Wright Homes	159 Spruce St.
	12 30 P. M.	St. James Hospital	155 Jefferson St
	12 30 P. M.	Kretchmer Homes	85 Ludlow St.
Friday	12 30 P. M.	St Michael's Hospital	306 High St.
	12 30 P. M.	200-16th Ave.	
	12 30 P. M.	Columbus Homes	112 8th Ave

PUBLIC HEALTH NURSING SERVICES

Mary J. Hoban, R.N., M.A.
Director

District Nursing Service:

Laura Gennadiosky, R.N., B.S.
Ruth Kraemer, R.N., B.S.

Public Health Nurse Supervisor
Public Health Nurse Supervisor

Public Health Nurses are engaged in programs relating to education, prevention, treatment and control of illness. Nursing needs are met on a family centered basis to promote optimal health.

Home visits for home care have greatly increased in all areas. Hospital, health and social agencies, private physicians and the community are becoming increasingly aware of internal and oral health, mental retardation, alcohol and drug abuse, mental, cerebral and tuberculosis control, chronic illness and chronic health promotion. This increase has evolved through cooperation of the public health nurse supervisors with community people and agencies. Many referrals, concerning questionable health care are made, with the nurse acting as a liaison and socio-economic assistance.

Public Health Nurses provide nursing services for the Child Health Conference Session per week located in 14 areas throughout the City.

In 1971, Public Health Nurses participated with Rutgers University, State University and Monmouth College School of Nursing in providing home nursing students with observation of home visiting and Child Health Conference Sessions. Graduate students received training from the Hospital Center for Chronic Illness as provided to Public Health Nurses in home visits to preserve the transition of premature care from hospital to home.

Public Health Nurse supervisors participated in a seminar for home visiting for a week, conducted by the State University, New York, State University at Albany, and the district office.

Public Health Nurse consultants of the State Health Department coordinated District Nursing Services in 1971.

The lead nurse program continued as a comprehensive program in 1971. The four participants in the study and Public Health Nurses continued to coordinate lead referrals and follow-up on elevated blood leads.

A meeting to discuss the elevated blood leads was instituted in the lead nurse conference. Public Health Nurses performed a selected blood sample program. The lead nurse conference was in a room which were tested at New College Medical Center laboratory, and follow-up as necessary by Public Health Nursing.

Public Health Nurse supervisors participated along with the community in the initial planning and organization of the Hospital City Avenue Community Health Center.

See ANNUAL REPORT which follows for clarification and statistical data of Public Health Nursing and Social Services rendered.

See CHILD HYGIENE ANNUAL REPORT for Public Health Nurses services rendered at Child Health Conference Sessions.

Liaison Section:

Anne Kuehner, R.N.

Assistant Pub. Hlth. Nrs. Supervisor

Functions in the liaison section related almost exclusively to the Lead Poison Control Program. Participating in the program were, the New Jersey College of Medicine & Dentistry, Martland Hospital, St. Michael's Hospital, United Hospitals and Beth Israel Hospital.

Screening program was carried out in various Child Health Centers, Day Care and Pre-School Centers as well as in hospital and health centers. Follow-up of cases above the accepted normal limits of blood lead levels was done by the Public Health Nurses.

Other Nursing Services:

Nursing services were provided to the Parochial School Bureau and the Veterans Clinic. - See Reports elsewhere in this ANNUAL REPORT BOOK.

[illegible]

PAROCHIAL SCHOOLS

SCHOOL YEAR SEPTEMBER, 1970
JUNE, 1971

Michael J. Frattantuno, M.D., Assistant Health Officer
Peter Desmond, R.N., B.S., Public Health Nurse Supervisor
William P. Wheaton, R.N., B.S., Public Health Nurse Supervisor.

The Bureau of Parochial Schools provided health service to 15,200 children enrolled in 25 elementary schools, 3 high schools, one Junior High School and one Special Education School.

The responsibility for providing and maintaining health in all its aspects to the school child is assumed by the school physician and the school nurse, the nurse assumes the role of follow-up with the parents, school principals and the social worker. Standards set up by the N.J. State Department of Health and Education are followed.

Area where direct health services are given by the physicians and the public health nurses are:

Physical examinations by physicians

Public Health Nurses' Functions:

Health Appraisals

Anthropometric Screening

Visual Screening

First Aid

Immunizations

Tuberculosis Testing

Dental Health

Defect referrals

Follow-up on defects

Health Education

Health Counselling

to individual students and parents.

Defects discovered upon examination by the doctor and the nurse are referred to parents for attention by their private physician. If parents are unable to afford private care, arrangements are made to have the defects treated at the Health Division or hospital clinics. Psychological and speech and hearing problems are referred to the School Principal for referral to Mt. Carmel Child. The school nurse and the social worker cooperate with the School Principal on referrals and follow through of special problems.

During the year, 203 children were seen at the Division of Health Eye Clinic. Of this number, 130 received prescriptions for eye glasses. Other eye problems were referred to private physicians and hospital clinics for diagnosis and treatment.

The Social Service aspect of the Parochial School Program will be found in the separate Social Service report.

SCHOOL HEALTH ACTIVITIES

SCHOOL YEAR 1970- 1971

Health Services by-*

Private physicians	27
Clinic physicians	26
Private dentists	21
Health division dental clinics	270
School physicians- Health examinations	6859
School nurses- Health appraisals **	11737
Class inspection of children	1006
School exclusions	1890
First aid	7157
Audiometric screening	7293
Defects referred	19
Vision Screening	13513
Defects referred	1783
Telephone calls	9119
Classroom talks	163
Office Conferences with principals, teachers, pupils, parents, others	32355
Immunizations- Smallpox- (1528 Pos.)	1948
Diphtheria-tetanus	562
Diphtheria-tetanus booster	335
Measles	191
Rubella	591
Oral Sabin trivalent	496
Influenza vaccine (adult)	46
Tuberculin Tests- Tines	3363
Positive tuberculins reported	34
Doubtful reactors	26

* Reports are recorded on child's health record.

** Includes teeth, posture, nose and throat, hair and scalp, skin, speech, behavior, others.

Parochial Schools (cont'd)

SCHOOL HEALTH ACTIVITIES

Health Program- Defects noted in school children

1970- 1971 School Year

<u>Type Defect</u>	<u>Found</u>	<u>Corrected</u>
Dental	1,753	1,094
Vision	1,783	1,243
Hearing	187	80
Cardiac Old	78	39
New	40	54*
Nutrition	209	66
Orthopedic or posture	34	112 *
Tine tuberculin reactors	34	34
Other Health Problems **	963	1,449 *

* Includes defects previously found, which were corrected or remedied this year.

** Includes Nose-throat, skin, personal hygiene and other conditions not included in above listings.

ANNUAL REPORT 1971

PUBLIC HEALTH NURSING BUREAU - PAROCHIAL SCHOOLS BUREAU SOCIAL WORK ACTIVITIES

<u>INITIALS</u>	<u>TOTAL</u>	<u>GRAND TOTAL</u>
Referrals Received	306	306
Referrals Accepted	306	306
<u>CASE COUNT</u>		
New Cases	296	
Cases Reopened	10	
Cases Carried Over	45	
Total Cases		351
Cases Closed	329	
Cases Opened at End of Year	22	351
<u>PROCEDURES</u>		
Interviews with Clients	454	
Interviews Other Interested & Informed Parties	210	664
<u>Visits</u>		480
Homes, Hospitals, Clinics, Schools, Child Health		
Conferences and Other Agencies		
<u>Conferences</u>		1,690
Parochial Schools, Priests, Principals, Public Health		
Nurse Supervisors and Public Health Nurses, Parochial		
Nurse Supervisors and Nurses, Conferences with Other		
Agencies, Hospital Clinics, Inter-Department and		
Public School Personnel		
<u>Telephone Calls</u>		2,352
Incoming and Outgoing		
<u>Correspondence and Inter-Departmental</u>		401

PUBLIC HEALTH NURSING BUREAU - PAROCHIAL SCHOOLS BUREAU (cont'd)
SOCIAL WORK ACTIVITIES*

Source of Referrals: TOTAL - 306

Public Health Nurse Supervisors
Public Health Nurses
Parochial School Nurse Supervisors
Parochial School Nurses
Parochial School Priests and Principals
Mt. Carmel Guild
Director of Nursing, Division of Health
Clients
Other Interested Parties

Referrals Made to Other Agencies: 840

Mt. Carmel Guild Multi-Services
Associated Catholic Charities
Bureau of Children's Services
Essex County Welfare Board
Newark Department of Public Welfare
Newark Board of Education
New Jersey Rehabilitation Commission
Legal Services of Essex County
N.J. Association for Retarded Children
N.J. Food Stamp Program
United Community Council Area Boards
Division of Health Medical and Dental Clinics
Newark Housing Authority
Medicaid and Medicare
Community Nursing Service
Social Security Office
Skills Center
Child Service Association
N.J. Community Union
Council of Social Agencies - Summer Camps
Youth Aid Bureau
Family Service Bureau
Chr-Ill Service, Inc.
Essex County Narcotics Clinic

*Public Health Nursing Bureau and Parochial Schools Bureau Annual Report have been combined as the social service workers are covering both areas.

DENTAL HEALTH

Alan A. Gale, D.D.S., Supervising Dentist
Walter Reilly, D.D.S., Assistant Supervising Dentist
Frank D'Elia, D.D.S., Assistant Supervising Dentist

The retirement of the Dental Supervisor in January and the permanent appointment of a new director in the forty-seventh week of the year left the Dental Department struggling to gain sound footing. Accordingly, small advances in the amount of treatment rendered were registered. It is now anticipated that new policies set down and implemented in the month of December will enable us to move forward with rapid strides.

Emphasis on preventive treatment will be made. However, we will always bear in mind that overwhelming numbers of our citizenry have been without preventive care. These people are in need of treatment for present problems and most need immediate relief of pain. Ever mindful of this, our clinics continue to offer emergency treatment for the needy.

In addition, we will provide routine restorative treatment after a complete examination including all necessary radiographs. Other services include prophylaxis, fluoride treatments, endodontics, periodontics, and oral surgery.

The resignation of our dental hygienist has been a severe blow to our education program, our patient motivation program, and our public relations program. It is hoped that a new hygienist will be on our staff in the very near future.

Dental Health (cont'd)

Our program will now accept all our residents who are in need of dental treatment. This has increased our patient load considerably in the last month of the year. With the anticipated addition of trained auxiliary personnel our goals should be met.

Our satellite clinics throughout the city help bring the treatment to the geographical locations that require our services.

Additional planned changes in our program will enable us to provide better services for more people at a reasonable cost to the city but at no charge to our needy dental patients which is our goal. It is hoped that in the months ahead cooperation between all who can contribute to the attaining of these aims, will be the stimulus for their achievement.

DENTAL HEALTH REPORT

	<u>1970</u>	<u>1971</u>
Number Of Individual Children	3,558	4,052
Number Of Children Visits	9,621	12,013
Number Of Children Treatments	18,236	24,357
Number Of Individual Adults	1,106	1,126
Number Of Adult Visits	2,595	2,229
Number Of Adult Treatments	3,234	3,982
Number Of Dental X-Rays	4,223	2,424

